



King County
ENVIRONMENTAL SPECIALIST II
DEPARTMENT OF NATURAL RESOURCES AND PARKS
WATER AND LAND RESOURCES DIVISION

Hourly Rate Range \$20.97 – \$26.58
Job Announcement No.: 03ES3410
OPEN: 5/14/03 CLOSE: 5/28/03

WHO MAY APPLY: This career service position is open to all King County career service employees, executive branch regular exempt employees, and current probationary employees who achieved career service status in a previous position.

WHERE TO APPLY: Required forms and materials **must** be sent to: **Michelle Kobuki, Human Resources, 201 South Jackson Street, Suite 600, M.S. KCS-NR-0600, Seattle, WA 98104.** Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) Contact (206) **296-1935** for questions regarding this announcement. Contact (206) 205-8782 for application requests or download from the Internet at: <http://www.metrokc.gov/ohrm/jobs/pdfs/jobapp.rtf>

PLEASE NOTE: Applications not received at the location specified above may not be processed.

FORMS AND MATERIALS REQUIRED: A [King County application form](#), resume and letter of interest detailing your background and describing how you meet or exceed the requirements, and written answers to the supplemental questions are required.

WORK LOCATION: 322 West Ewing, Seattle. (Ship canal area of Seattle)

WORK SCHEDULE: This position works a 40-hour workweek, Monday through Thursday, 7:00 a.m. - 5:30 p.m., with occasional evening and weekend work required. This position is overtime eligible.

JOB DESCRIPTION: Environmental sampling and data collection in support of water quality monitoring. This includes work for the NPDES permits for King County waste water system, capital improvement projects such as the siting for the new Brightwater facility, and monitoring for major lakes and streams programs. This position supports the work of the Environmental Laboratory and its customers.

PRIMARY JOB FUNCTIONS INCLUDE:

- Collect a wide variety of environmental samples from the marine environment, lakes and streams, ground water, conveyance systems, sewage treatment plants, biosolids application sites, and assess appropriateness of protocols or standard operating procedures as they apply to the customers' needs. Conduct field investigations to assess water quality, identify sources of pollution, and evaluate environmental conditions. Apply appropriate field quality assurance and quality control procedures.
- Schedule and conduct fieldwork, using appropriate equipment and protocols. Research, purchase, install, operate, maintain, calibrate, and independently make basic repairs and enhancements to sampling equipment.
- Utilize computer software to perform calculations, store and track data. Review project data-base for completeness and appropriateness, identify anomalies. Provide data reports as requested by clients. Provide peer review of data reports for other specialists.
- Participate in a variety of environmental task forces and committees. Participate and take lead in daily and monthly scheduling of fieldwork and sample delivery to lab. Participate in preparation of Lab's annual workload planning. Participate or take lead in regular administrative tasks of the team.

- Train and mentor less experienced staff in all of the above tasks as well as in the field protocols, standard operating procedures and quality assurance. Work directly with clients to consult on project plans, and ensure that sampling methodology fully meets project needs. Assist with sampling design, as appropriate.
- Serve as a liaison for the Environmental Services Section with both internal and external customers. Organize appropriate response and interagency communications in water quality emergency events.

QUALIFICATIONS:

- Must be able to perform and have experience in all primary job functions.
- Demonstrated knowledge and ability to apply methods and techniques of field sampling, testing, data gathering, and field investigations that are appropriate to each situation described in primary job functions.
- Ability to understand potential hazards in the field and the laboratory and to use appropriate safety precautions.
- Broad understanding of analytical lab techniques and how they relate to sampling methodologies in the field.
- Ability to utilize a variety of tools and technical documents to perform basic mechanical repairs on sampling equipment, boats, and scientific instruments.
- Ability to lead in implementing and troubleshooting sampling equipment and technologies.
- Ability to understand and efficiently use computerized information systems.
- Ability to communicate in writing and orally with correspondents having varied roles and responsibilities.
- Ability to work independently on assigned projects.
- Ability to collaborate with coworkers to solve technical and logistical problems and to accomplish work objectives.
- Basic understanding of laboratory quality assurance and quality control.
- Basic knowledge of appropriate project regulatory elements and how they are applied to sample collection and resulting data analysis and interpretation.
- Ability to understand and anticipate customer needs and prioritize work.
- Ability to treat all coworkers with respect.
- Ability to incorporate continuous improvement into regular work.

WORKING CONDITIONS:

Approximately 60% of this position is outdoor, year-round sampling of lakes, streams, Puget Sound, and forest ecosystems. Working in confined spaces and with hazardous chemicals and pathogenic substances is a part of the normal working conditions. Lifting (30-40 lbs.) of ice filled coolers and removing manhole covers is also part of the normal working conditions. Adherence to standard safety procedures will help minimize the risk.

NECESSARY SPECIAL REQUIREMENT:

- A valid Washington State Driver's License or the ability to travel throughout the County in a timely manner.

CLASS CODE: 346000

Supplemental Questionnaire
Environmental Specialist II

Print or type your name

A Supplemental Questionnaire must be completed and submitted with the application. The following items address important elements of this position and the information you provide will help to determine your eligibility for further consideration. Limit your response to all 5 questions to no more than 4 pages. You will be evaluated on the level and extent of experience, level of technical knowledge and clarity of response. Include your name at the top of each page. Please include in your responses the following details: where your experience was acquired, the length of your experience and the role or level of responsibility that you held.

Applicants who meet the qualifications and required knowledge, skills and abilities will be rated on their answers. Applicants will be rated as Qualified or Not Qualified. The top qualified candidates will be invited for an interview and/or a written test.

1. Briefly describe the sampling equipment and methods that you have experience with. Also describe the quantitative analytical instrumentation and methods you have experience with.
2. One of the more unusual aspects of this unit is that we work very independently on many responsibilities and then must pull together as a team to work on projects with a joint product. What do you see as the advantages and disadvantages of this kind of arrangement.
3. Describe your strengths and weaknesses. How would your coworkers describe your work style?
4. What are some basic QA/QC principles that can be applied to environmental field work for almost any project. How does field QA/QC impact the final quality of analytical data.
5. Describe and experience troubleshooting field equipment or instrumentation. What was the problem and how did you resolve it?